

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
24641-1070SERIAL NO.
09/679/725LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Whirly and Chobotov.FILING DATE
October 4, 2000GROUP
Unassigned.

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

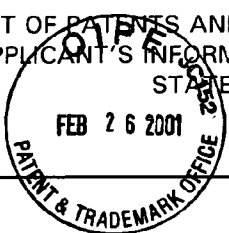
CROR	Christon <i>et al.</i> "Visualization of High Resolution, Three-Dimensional, Nonlinear Finite Element Analyses," <u>Proceedings, Visualization '92</u> (Car. No. 92Ch3201-1) (1992).
CK	Elger <i>et al.</i> "The Influence of Shape on the Stresses in Model Abdominal Aortic Aneurysms," <u>Transactions of the ASME</u> 326:326-32 (1996).
Q	Holzappel <i>et al.</i> "Large strain analysis of soft biological membranes: Formulation and finite element analysis," <u>Comp. Methods. Appl. Mech. Engrg.</u> 132:45-61 (1996).
CR	Hoover <i>et al.</i> "Parallel Algorithms for Finite Element Analysis (DYNA3D/NIKE3D)," UCRL-JC-127647 Abstract. Lawrence Livermore National Laboratory Technical Publication. 1997
CR	How <i>et al.</i> "Mechanical Properties of Arteries and Arterial Grafts," Chapter 1 of <u>Cardiovascular BIOMATERIALS</u> Hasting, G.W. (ed.) London; New York: Springer-Verlag, 1992 pgs. 1-35.
CR	Lakshmiraghavan, M. <u>Mechanical Wall Stress in Adominal Aortic Aneurysm: Towards the Development of a Clinical Tool to Predict Aneurysm Rupture</u> . Submitted to the University of Pittsburgh, Volume 59/09-B of Dissertaion Abstracts International Page 4948. 285 pages (1998).
CR	Mosora <i>et al.</i> "Modelling the arterial wall by finite elements," <u>Archives Internationales de Physiologie, de Biochimica et de Biophysique</u> 101;185-91 (1992).
CR	Mower <i>et al.</i> "Stress Distributions in Vascular Aneurysms: Factors Affecting Risk of Aneurysm Rupture," <u>J. Surgical Research</u> 55:151-61 (1993).
OR	Papageorgiou, G.L. and N.B. Jones, "Physical Modelling of the Arterial Wall. Part2: Simulation of the Non-Linear Elasticity of the Arterial Wall," <u>J. Biomed. Eng.</u> 9:216-21 (1987).

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT 	APPLICANT Whirly and Chobotov.	
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CR	Simon <i>et al.</i> "Finite Element Models for Arterial Wall Mechanics" <u>J. Biomechanical Engineering</u> 115:489-96 (1993).
CR	Tanaka <i>et al.</i> "Inelastic Constitutive Modeling of Arterial and Ventricular Walls," 1996 <u>Computational Biomechanics</u> Hayashi, Ishikawa (eds.) Springer Press pgs. 137-163.
CR	Vito <i>et al.</i> "Stress Analysis of the Diseased Arterial Cross-section," 1990 <u>Advances in Bioengineering American Society of Mechanical Engineers, Bioengineering Division (Publication) BED v.17, ASME:New York, (1990).</u> pgs. 273-6.
CR	Xu <i>et al.</i> "Coupled Modelling of Blood Flow and Arterial Interactions by The Finite Element Method," <u>Proceedings of the Computers in Cardiology 1993 IEEE Computer Society Press</u> September 5-8, 1993 pgs. 687-90.

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Carlos L. Ortiz Rodriguez

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